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350 Cambridge Ave, Suite 250  
Palo Alto, CA 94306-1550  
TEL 650.330.2310  
FAX 650.330.2314  
WWW.MPSLLP.COM

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**DATE:** February 5, 2004  
**FILE NO:** SEA 3077  
**TO:** Thomas H. Parsons  
**FAX NO:** 703-872-9310  
**PHONE NO:** 650-330-2310 X 3120  
**COMPANY:** USPTO  
**FROM:** James A. Sheridan/Christina Mendoza  
**PAGE(S) with cover:** 15  
**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### RESPONSE TO OFFICE ACTION DATED JANUARY 2, 2004

**TITLE:** AUTOMATED MACHINE CONTROL GAP FOR CONICAL FLUID  
DYNAMIC BEARING ECM GROOVING  
**U.S. SERIAL NO.:** 10/080,755  
**FILING DATE:** February 22, 2002  
**INVENTOR:** Dustin Alan Cochran  
**EXAMINER:** Thomas H. Parsons  
**GROUP ART UNIT:** 1745  
**CONFIRMATION NO.:** 8424

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Dkt. No. SEA 307  
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**OFFICIAL**In re Application of:  
Cochran

Serial No.: 10/080,755

Confirmation No.: 8424

Filed: February 22, 2002

For: AUTOMATED MACHINE CONTROL  
GAP FOR CONICAL FLUID DYNAMIC  
BEARING ECM GROOVING

Group Art Unit: 1745

Examiner: Thomas H. Parsons

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

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TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 703-872-9310 to the attention of the named Examiner, on the date below.

2-5-04  
DateChristina Mendez  
Signature**RESPONSE TO OFFICE ACTION DATED JANURAY 2, 2004**

In response to the Office Action dated January 2, 2004, having a shortened statutory period for response set to expire on April 2, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/8033077, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** begin on page 2 of this paper, **Amendments to the Specification** begin on page 7, and the **Remarks** begin on page 10.